

**IN THE CLAIMS:**

Please consider the claims as follows:

1. (original) A method, comprising:  
    associating each of a plurality of processing elements with at least one  
    respective video server process;  
    assigning priority to said processing elements according to a hierarchy of video  
    server processes, each of said video server processes having a relative priority level  
    with respect to other video server processes;  
    adjusting said hierarchy of video server processes according to at least one of  
    monitored timing parameters, changes in system loading conditions, changes in  
    operating conditions and operating system scheduler requirements.
2. (original) The method of claim 1, further comprising:  
    adjusting said associations of processing elements and video server processes  
    in response to at least one of processing element loading, monitored timing  
    parameters, changes in system loading conditions, changes in system operating  
    conditions and operating system scheduler requirements.
3. (new) The method of claim 1, wherein said step of associating each of a plurality  
of processing elements comprises binding individual processing elements to respective  
processes.
4. (new) The method of claim 3, wherein said binding is provided by modifying a  
kernel within an operating system.
5. (new) The method of claim 3, wherein a first processing element is associated  
with at least one administrative process and a second processing element is associated  
with software for driving video output data at a controlled rate.
6. (new) The method of claim 1, wherein said individual processing elements are  
distributed among a plurality of servers.
7. (new) The method of claim 6, further comprising synchronizing said plurality of  
servers using a network time protocol (NTP).